

Fig. 2

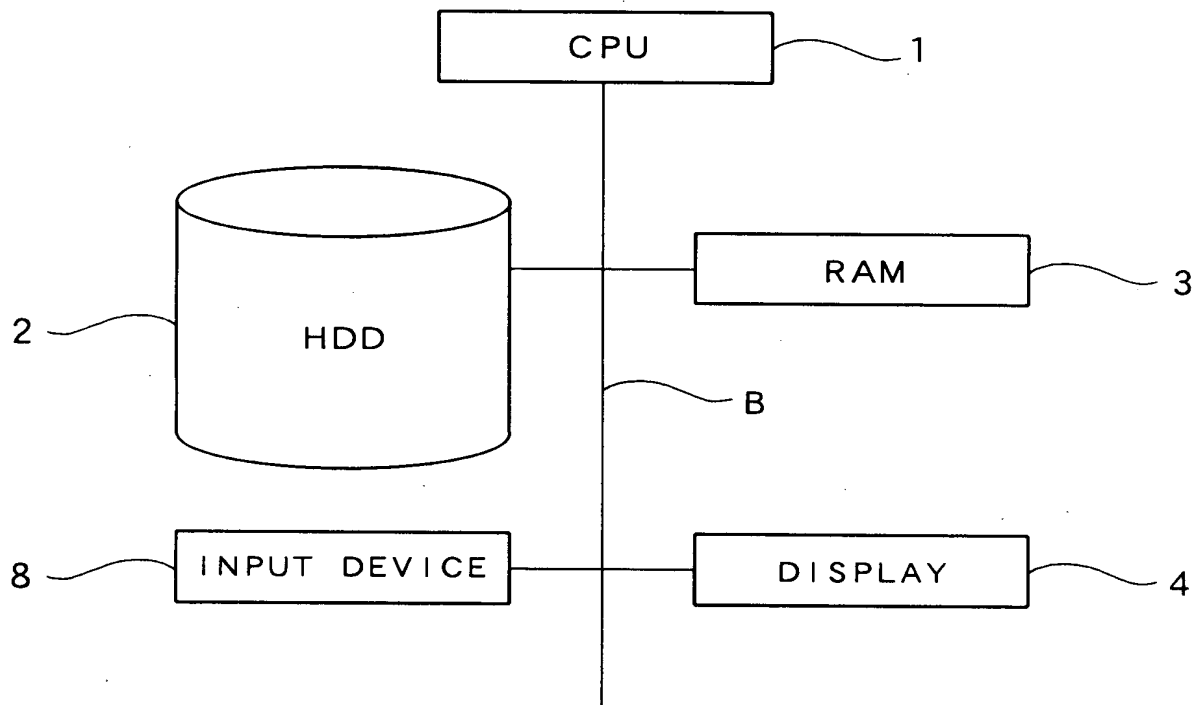


Fig. 4

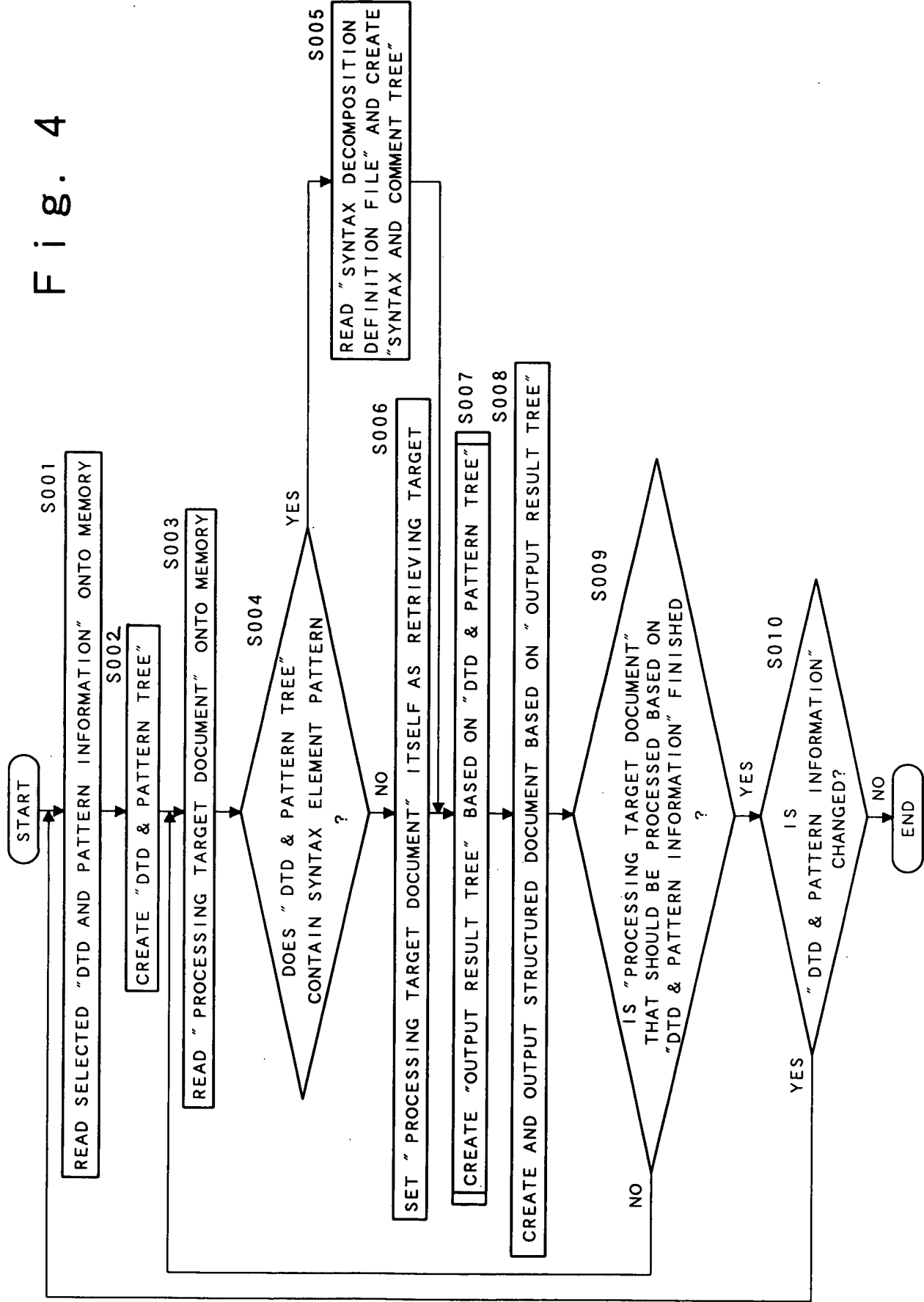


Fig. 5

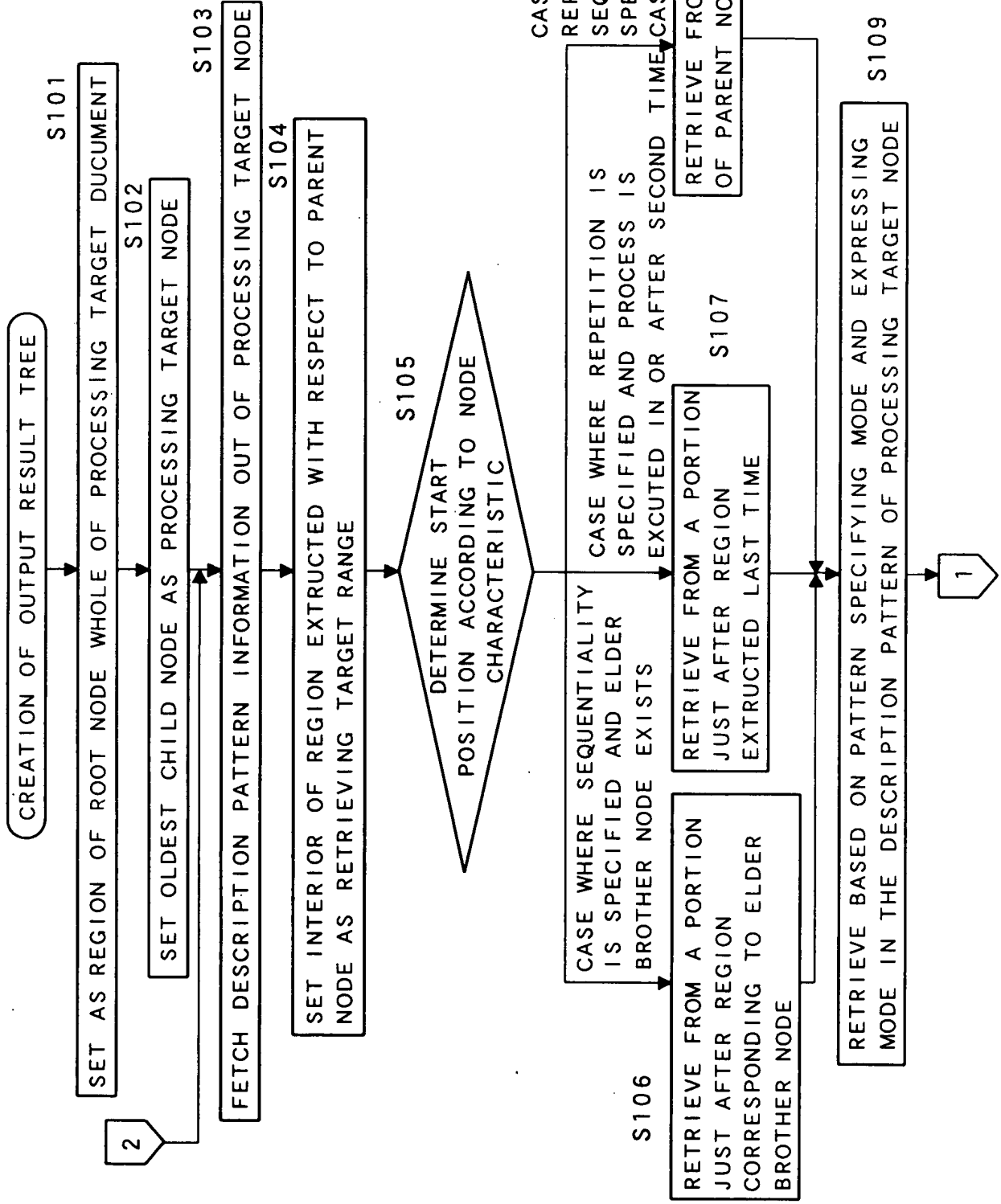


Fig. 6

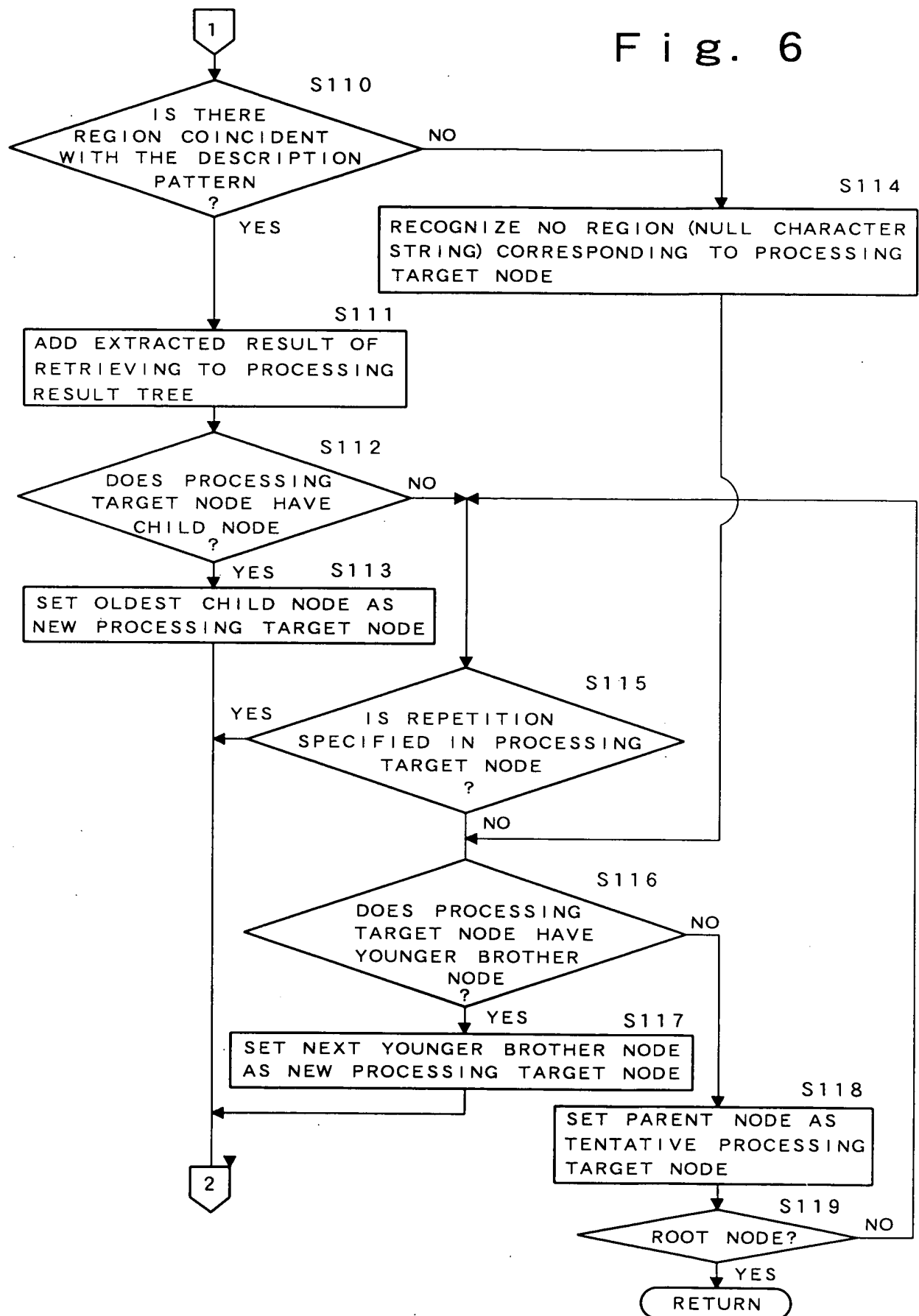


Fig. 7

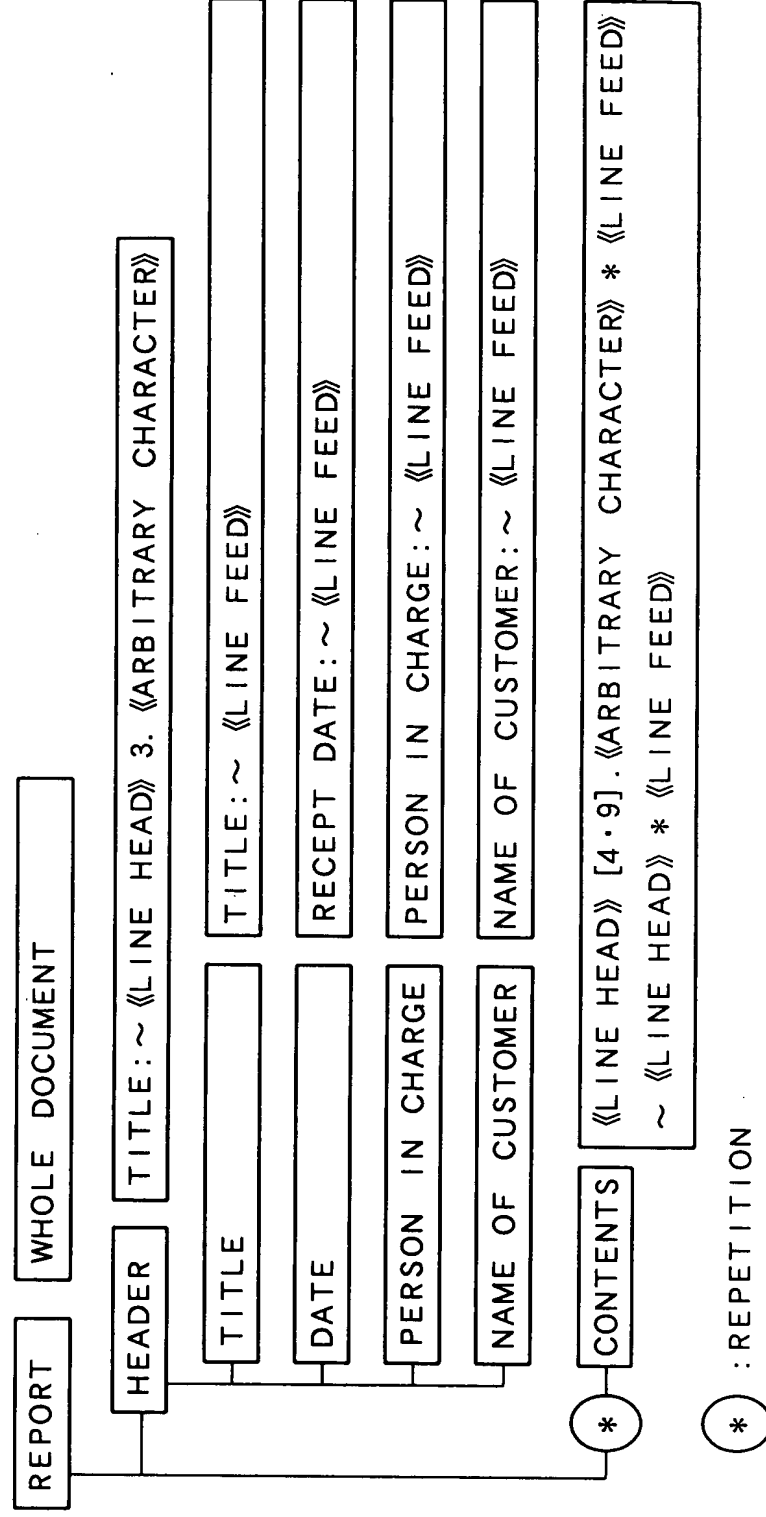


Fig. 8

TO CHIEF OF DIVISION

TITLE: BUSINESS NEGOTIATION REPORT
PERSON IN CHARGE: YASUYUKI FUJIKAWA

1. NAME OF CUSTOMER YAMADA SHOKEN
2. RECEIPT DATE: 1997. 02. 17

3. OUTLINE

An offer to use a tool of our company from above customer.

4. OUTLINE

There is an offer to use following SDAS tools.

• AA/BRMODELLER

• YPS

5. FUTURE SCHEDULE

Demonstration is scheduled to be conducted by explanatory staff of our company at customer's place in next week. Simultaneously Q & A card (sent to development company) of customers are to be replied.

That's all

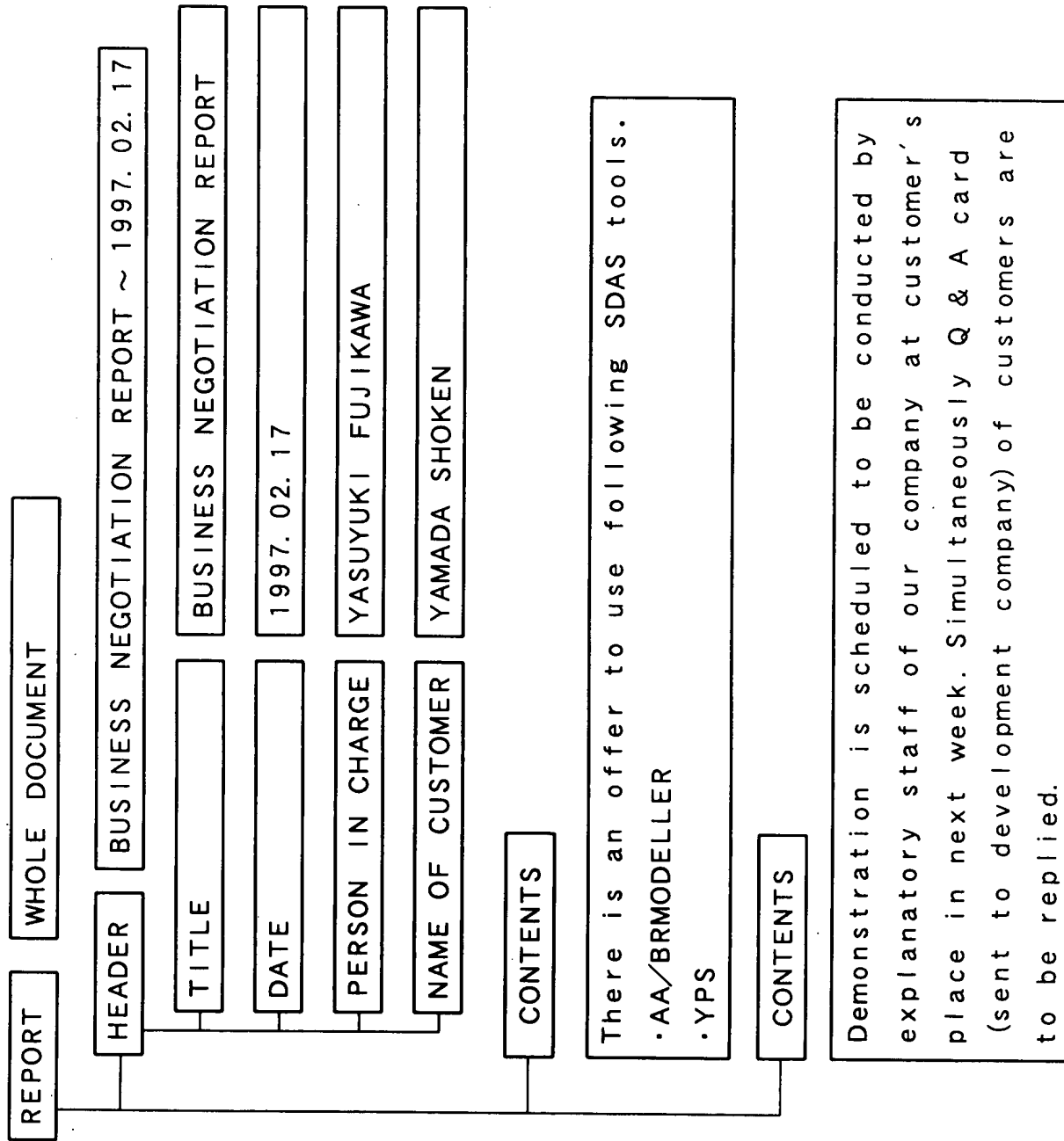


Fig. 9

Fig. 10

```

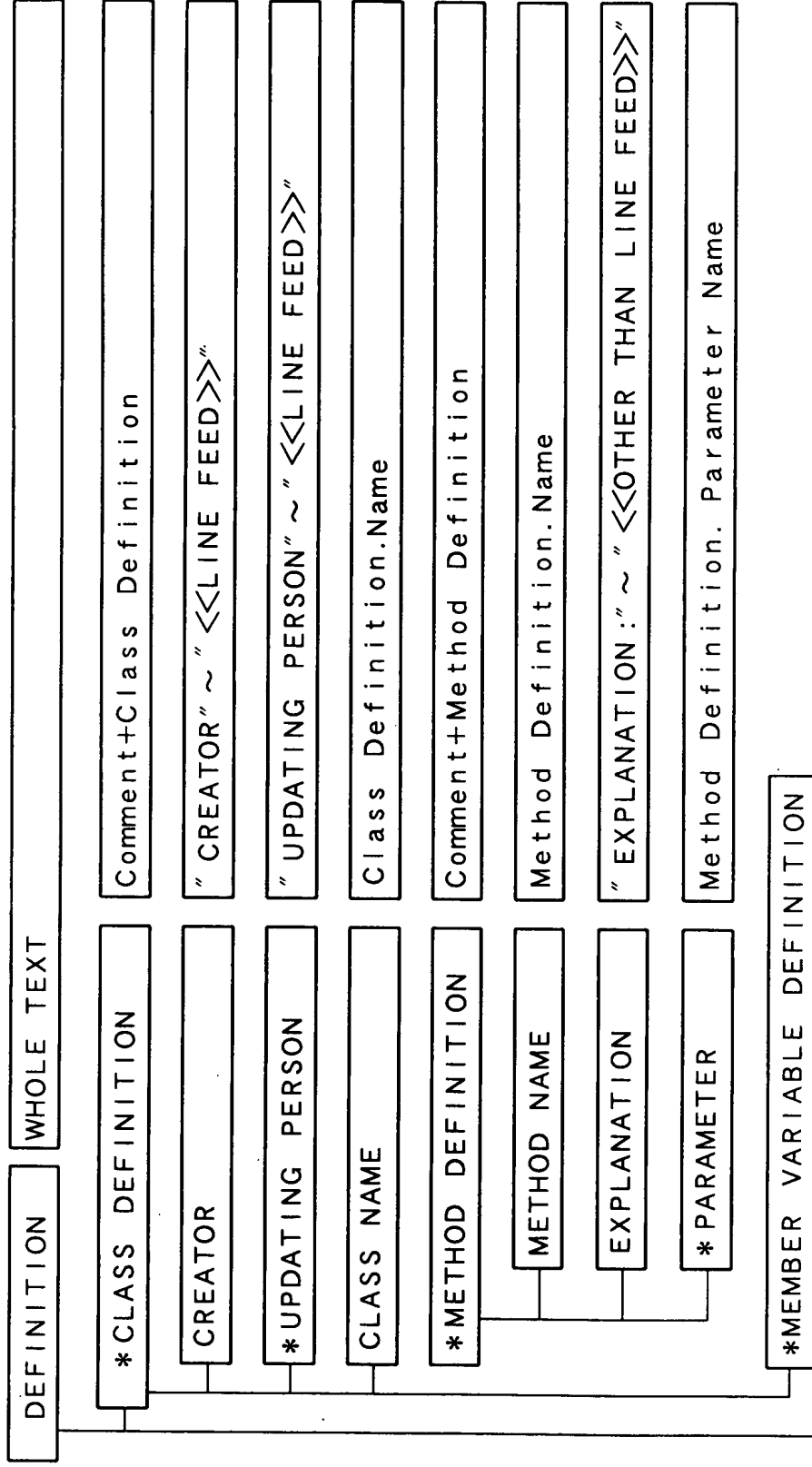
<REPORT>
<HEADER>
<TITLE>BUSINESS NEGOTIATION REPORT</TITLE>
<DATE>1997.02. 17</DATE>
<PERSON IN CHARGE>YASUYUKI FUJIKAWA</PERSON IN CHARGE>
<NAME OF CUSTOMER>YAMADA SHOKEN</NAME OF CUSTOMER>
</HEADER>
<CONTENTS>
There is an offer to use following SDAS tools.
.AA/BRMODELLER
.YPS
</CONTENTS>
<CONTENTS>
Demonstration is scheduled to be conducted by
explanatory staff of our company at customer's
place in next week. Simultaneously Q & A card
(sent to development company) of customers are
to be replied.
</CONTENTS>
</REPORT>

```

Fig. 11

| REGULAR EXPRESSION | MEANING |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| . | ONE ARBITRARY CHARACTER OTHER THAN LINE FEED (IT MAY BE EXPRESSED AS<<ARBITRARY CHARACTER>>OR <<CHARACTER OTHER THAN LINE FEED>>IN THIS SPECIFICATION) |
| * | 0 OR MORE REPETITION(S) |
| + | ONE OR MORE REPETITIONS |
| | OR |
| [] | ONE ARBITRARY CHARACTER IN BRACES |
| [^] | ONE CHARACTER OTHER THAN CHARACTERS IN BRACES |
| ^ | LINE HEAD (IT MAY BE EXPRESSED AS<<LINE HEAD>> IN THIS SPECIFICATION) |
| \$ | LINE END (IT MAY BE EXPRESSED AS<<LINE END>> IN THIS SPECIFICATION) |
| () | PRIORITY |
| ≠t | TUB (IT MAY BE EXPRESSED AS<<TUB>>IN THIS SPECIFICATION) |
| ≠n | LINE FEED (IT MAY BE EXPRESSED AS<<LINE FEED>> IN THIS SPECIFICATION) |
| | SYMBOL ≠ IS PUT IN FRONT WHEN DIRECTLY SPECIFYING ABOVE SYMBOL |

Fig. 12



*REPRESENTS REPETITIVE STRUCTURE

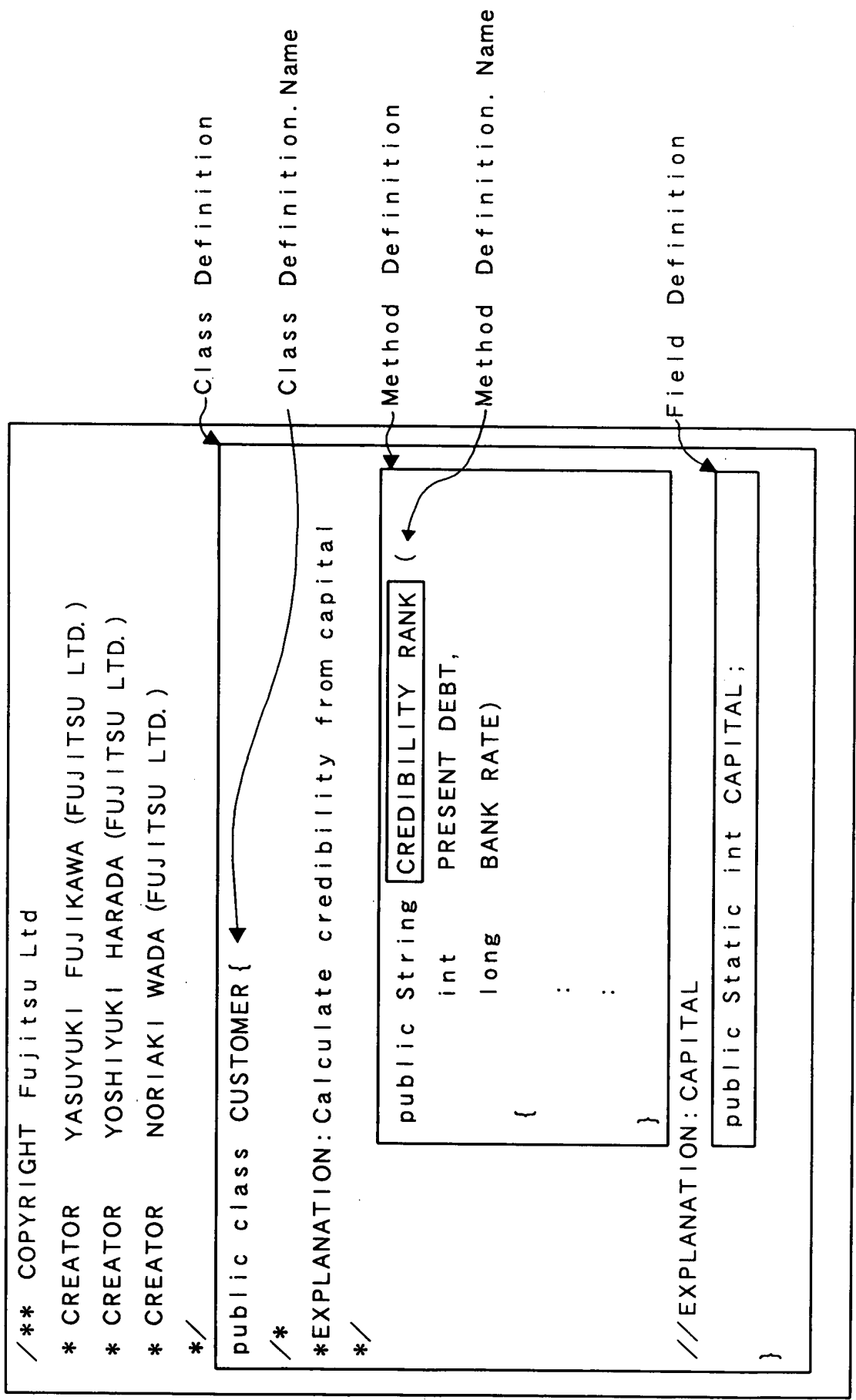
Fig. 13

```
/** COPYRIGHT Fujitsu Ltd
 * CREATOR      YASUYUKI FUJIKAWA (FUJITSU LTD.)
 * UPDATING PERSON  YOSHIYUKI HARADA (FUJITSU LTD.)
 * UPDATING PERSON  NORIAKI WADA (FUJITSU LTD.)
 */
public class CUSTOMER {
/*
 *EXPLANATION: Calculate credibility from capital
 */
    public String CREDIBILITY_RANK (
        int    PRESENT DEBT,
        long   BANK RATE)
    {
        :
        :
    }
//EXPLANATION: CAPITAL
    public static int CAPITAL;
}
```

Fig. 14

```
Class Definition:" public" "class" Name" {"Class Bodys"}" ;
Class Bodys:Class Body" ;"
    |Class Bodys Class Bodys" ;" ;
Class Body:Field Definition
    |Method Definition ;
Method Definition:" public" Type Name' (' Formal Parameter List' (' {Block'})' ;
Formal Parameter List:Formal Parameter
    |Formal Parameter List', ' Formal Parameter ;
Formal Parameter:Type Parameter Name ;
```

Fig. 15



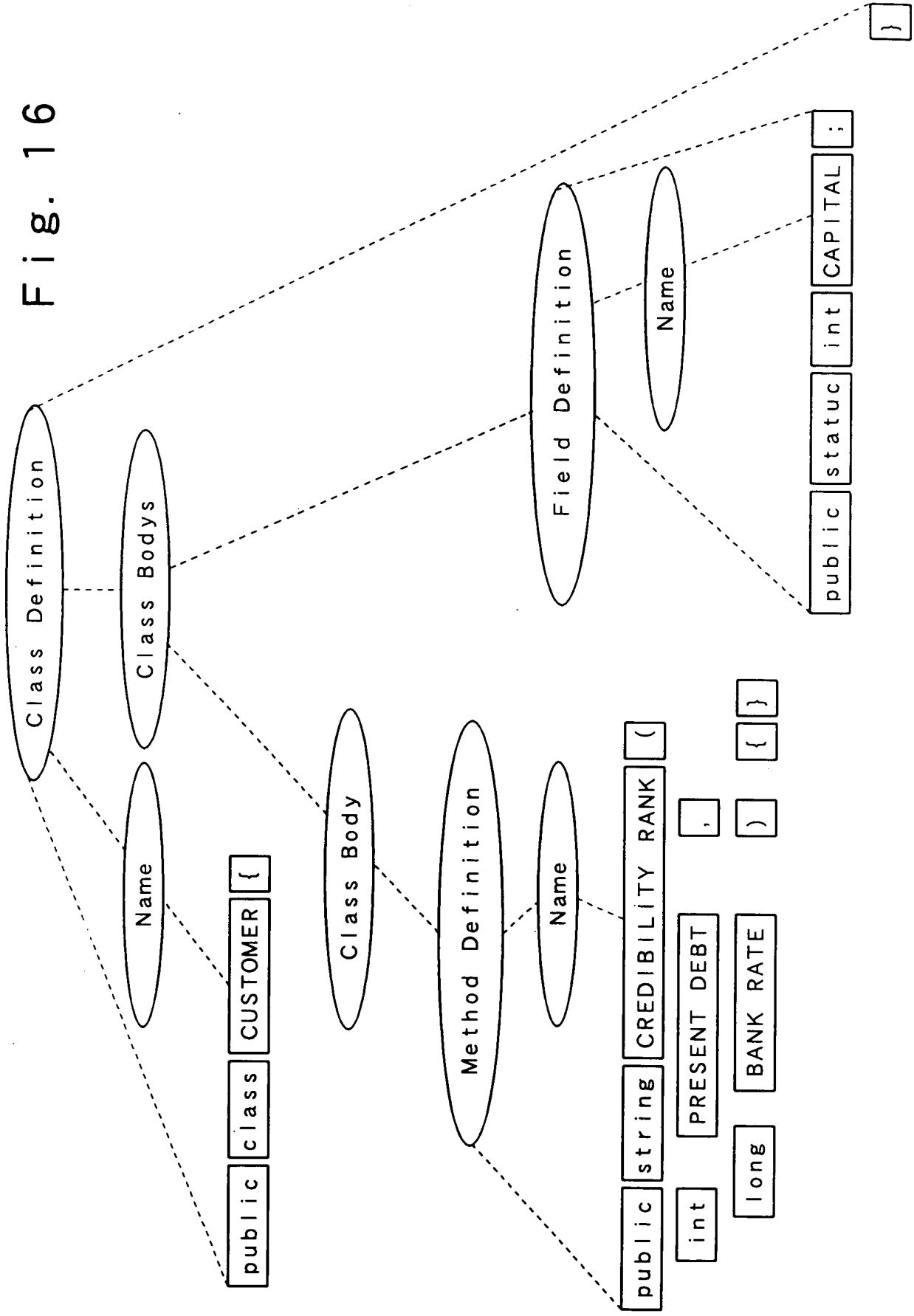


Fig. 17

| DEFINITION | WHOLE TEXT |
|-------------------|------------------------------------|
| CLASS DEFINITION | /*COPYRIGHT~ (LAST LINE) |
| CREATOR | YASUYUKI FUJIKAWA (FUJITSU LTD.) |
| UPDATING PERSON | YOSHIYUKI HARADA (FUJITSU LTD.) |
| UPDATING PERSON | NORIAKI WADA (FUJITSU LTD.) |
| CLASS NAME | CUSTOMER |
| METHOD DEFINITION | public~} |
| METHOD NAME | CREDIBILITY RANK |
| EXPLANATION | Calculate credibility from capital |
| PARAMETER | int PRESENT DEBT |
| PARAMETER | long BANK RATE |

[illegible]

```

[DEVELOPMENT HYSTERESIS]
ROOT: YES
CHILD NODE=FIRST EDITION INFORMATION.
      UPDATE HYSTERESIS

[FIRST EDITION INFORMATION]
CHILD NODE=CREATOR, DATE OF CREATION
PATTERN SPECIFYING MODE: START/END
START PATTERN: CHARACTER STRING: [FIRST EDITION CREATOR]
END PATTERN: REGULAR EXPRESSION: <<LINE END>>
REPETITION: UNSPECIFIED
SEQUENTIALITY: UNSPECIFIED

[CREATOR]
PATTERN SPECIFYING MODE: START/END
START PATTERN: REGULAR EXPRESSION: <<LINE HEAD>>
END PATTERN: CHARACTER STRING: [:]
REPETITION: UNSPECIFIED
SEQUENTIALITY: UNSPECIFIED

[DATE OF CREATION]
PATTERN SPECIFYING MODE: START/END
START PATTERN: CHARACTER STRING: [:]
END PATTERN: REGULAR EXPRESSION: <<LINE END>>
REPETITION: UNSPECIFIED
SEQUENTIALITY: SPECIFIED

[UPDATE HYSTERESIS]
CHILD NODE=DATE OF UPDATING, EDITION NUMBER
PATTERN SPECIFYING MODE: START/END
START PATTERN: CHARACTER STRING: [UPDATE HYSTERESIS]
END PATTERN: REGULAR EXPRESSION: <<LINE END>>
REPETITION: SPECIFIED
SEQUENTIALITY: SPECIFIED

[DATE OF UPDATING]
PATTERN SPECIFYING MODE: START/END
START PATTERN: REGULAR EXPRESSION: <<LINE HEAD>>
END PATTERN: CHARACTER STRING: [/]
REPETITION: UNSPECIFIED
SEQUENTIALITY: UNSPECIFIED

[EDITION NUMBER]
PATTERN SPECIFYING MODE: START/END
START PATTERN: CHARACTER STRING: [/]
END PATTERN: REGULAR EXPRESSION: <<LINE END>>
REPETITION: UNSPECIFIED
SEQUENTIALITY: UNSPECIFIED

```

Feb. 20

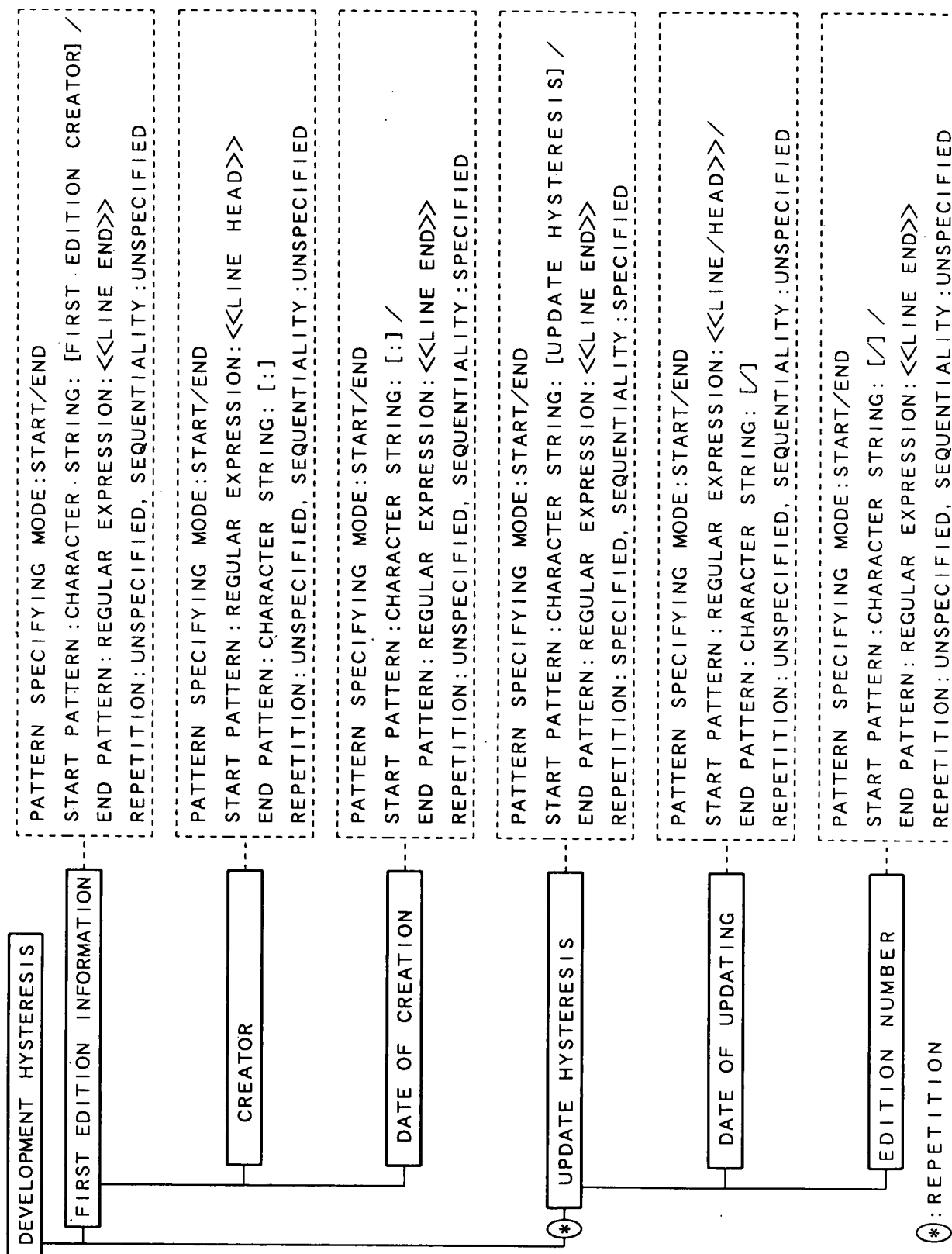


Fig. 21

```
*****  
FIRST EDITION CREATOR   YASUYUKI FUJIKAWA : 1999. 01. 01  
*****  
UPDATE HYSTERESIS      1999. 12. 16 / 1. 1ST EDITION  
UPDATE HYSTERESIS      2000. 02. 14 / 1. 2ND EDITION  
*****
```

Fig. 22 Fig. 23

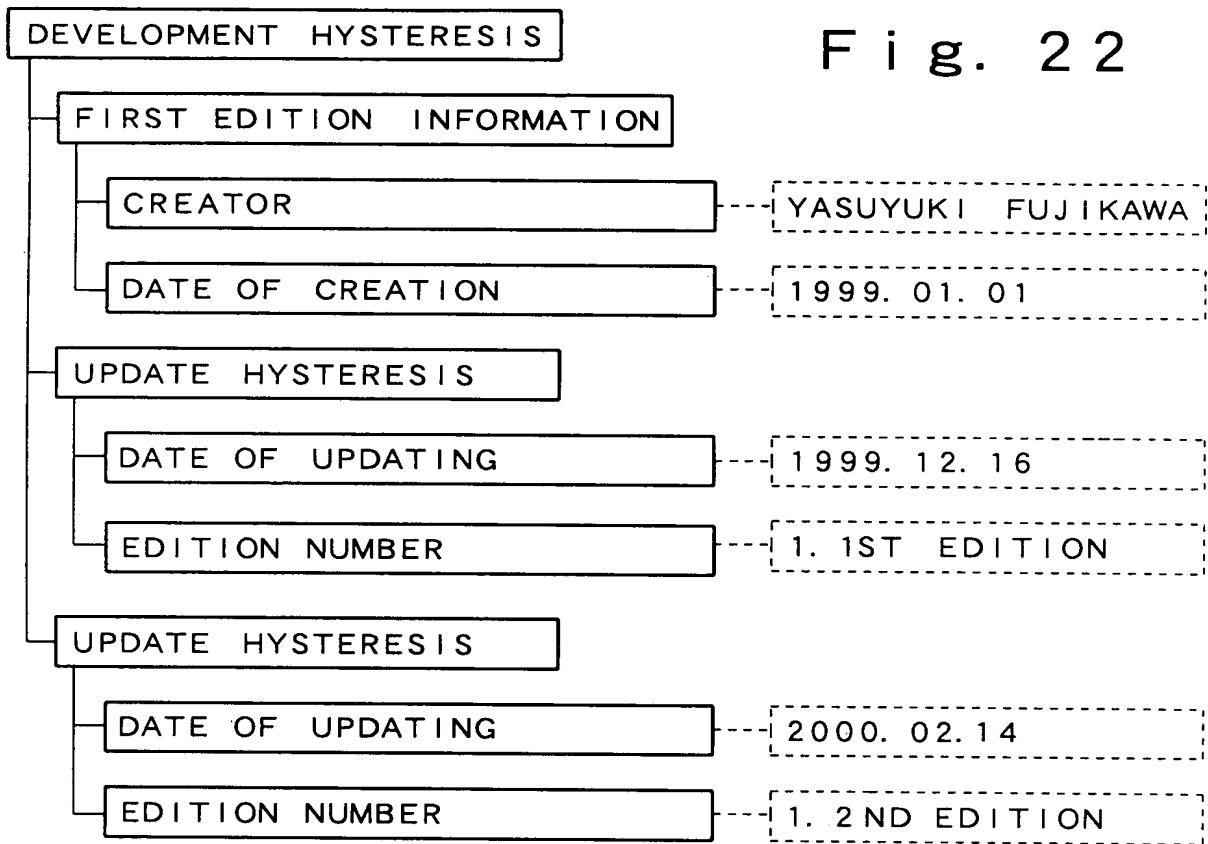


Fig. 22

Fig. 23

```
<DEVELOPMENT HYSTERESIS>
<FIRST EDITION INFORMATION>
<CREATOR> YASUYUKI FUJIKAWA </CREATOR>
<DATE OF CREATION> 1999. 01. 01 </DATE OF CREATION>
<UPDATE HYSTERESIS>
<DATE OF UPDATING> 1999. 12. 16 </DATE OF UPDATING>
<EDITION NUMBER> 1. 1ST EDITION </EDITION NUMBER>
</UPDATE HYSTERESIS>
<UPDATE HYSTERESIS>
<DATE OF UPDATING> 2000. 02. 14 </DATE OF UPDATING>
<EDITION NUMBER> 1. 2ND EDITION </EDITION NUMBER>
</UPDATE HYSTERESIS>
</DEVELOPMENT HYSTERESIS>
```

Fi 24

Figure 7 is a schematic diagram of a computer screen displaying a text editor window titled "comment.txt FixEasy". The window includes a menu bar with options: FILE (F), EDIT (E), VIEW (V), and HELP (H). Below the menu bar is a toolbar with icons for file operations and a question mark. The main text area contains a document structure for "DESIGN SPECIFICATIONS".

The document structure is as follows:

```

ROOT DOCUMENT :
ELEMENT NAME
COMMENT OF SAMPLE

NAME OF COMPANY : FUJITSU LTD.
EXPLANATION : COMPANY OF MANUFACTURING COMPUTER
                HARDWARE, SOFTWARE AND SEMICONDUCTOR,
                HEAD OFFICE LOCATED AT MARUNOUCHI
                CENTER BUILDING,
COMPANY NUMBER : 765, CLASS : P COPYRIGHT : COOPERATIVE
FILE NAME (IN JAPANESE) , FILE SIZE
KOKYAKU-MASTER (CUSTOMER MASTER) 200

TREE STRUCTURE OF DOCUMENT

DESIGN SPECIFICATIONS
  
```

The "DESIGN SPECIFICATIONS" section is a table with two columns: "SELECT PATTERN OF COMMENT" and "NUM". The table contains seven rows of data, each with a title and a pattern.

| SELECT PATTERN OF COMMENT | NUM |
|------------------------------------------------------------------------------------------------------------------|-----|
| TITLE : NNNNNNNNN | |
| TITLE : NNNNNNNNN : NNNNNNNNN | |
| TITLE1 : NNNN TITLE2 : NNNN | |
| NNNN : NNNN : NNNN | |
| TITLE1 : TITLE2 : TITLE3 NNNN : NNNN : NNNN | |
| NNNN : NNNN : NNNN NNN : NNN : NNN : NNN | |
| TITLE1 : TITLE2 : TITLE3 NNNN : NNNN : NNNN TITLE4 : TITLE5 : TITLE6 : TITLE7 NNNN : NNNN : NNNN : NNNN | |

The status bar at the bottom of the window shows "READY".

Fig. 25

S {

```

TYPICAL PATTERN="<<LINE HEAD>>* [TITLE PATTERN] * [DELIMITING PATTERN] *
[CONTENT PATTERN] *<<LINE END>>"
[TITLE PATTERN] =<<CHARACTER OTHER THAN LINE FEED>>+
[DELIMITING PATTERN] =:;/( )
[CONTENT PATTERN] =<<CHARACTER OTHER THAN LINE FEED>>+
PATTERN SPECIFYING MODE: START/END
START PATTERN =REGULAR EXPRESSION:"<<LINE HEAD>>*" ([TITLE CHARACTER STRING] |
([TITLE CHARACTER STRING2])) * [ [DELIMITER CHARACTER STRING1]
[DELIMITER CHARACTER STRING2] ] * "
END PATTERN=REGULAR EXPRESSION:"*"<<LINE END>>"

```

S1 { S2 { S3 {

Fig. 26

S1 { TYPICAL PATTERN=" <<LINE HEAD>>* [TITLE PATTERN1]*
 [DELIMITING PATTERN1]* [TITLE PATTERN2]*
 [DELIMITING PATTERN2]* [TITLE PATTERN3]*
 [DELIMITING PATTERN3]* [TITLE PATTERN4]*
 [DELIMITING PATTERN4]* [TITLE PATTERN5]* <<LINE END>>"
 S2 { [TITLE PATTERN] = <<CHARACTER OTHER THAN LINE FEED>>+
 [DELIMITING PATTERN] = : ; / ()

 S3a { [[PARENT NODE]]
 CHILD NODE= [TITLE PATTERN1], [TITLE PATTERN2],
 [TITLE PATTERN3], [TITLE PATTERN4], [TITLE PATTERN5]
 PATTERN SPECIFYING MODE: START/END
 START PATTERN= REGULAR EXPRESSION: " <<LINE HEAD>>*
 [TITLE PATTERN1]* [DELIMITING PATTERN1]*
 [TITLE PATTERN2]* [DELIMITING PATTERN2]*
 [TITLE PATTERN3]* [DELIMITING PATTERN3]*
 [TITLE PATTERN4]* [DELIMITING PATTERN4]*
 [TITLE PATTERN5]* <<LINE END>>"
 END PATTERN= REGULAR EXPRESSION: " * <<LINE END>>"

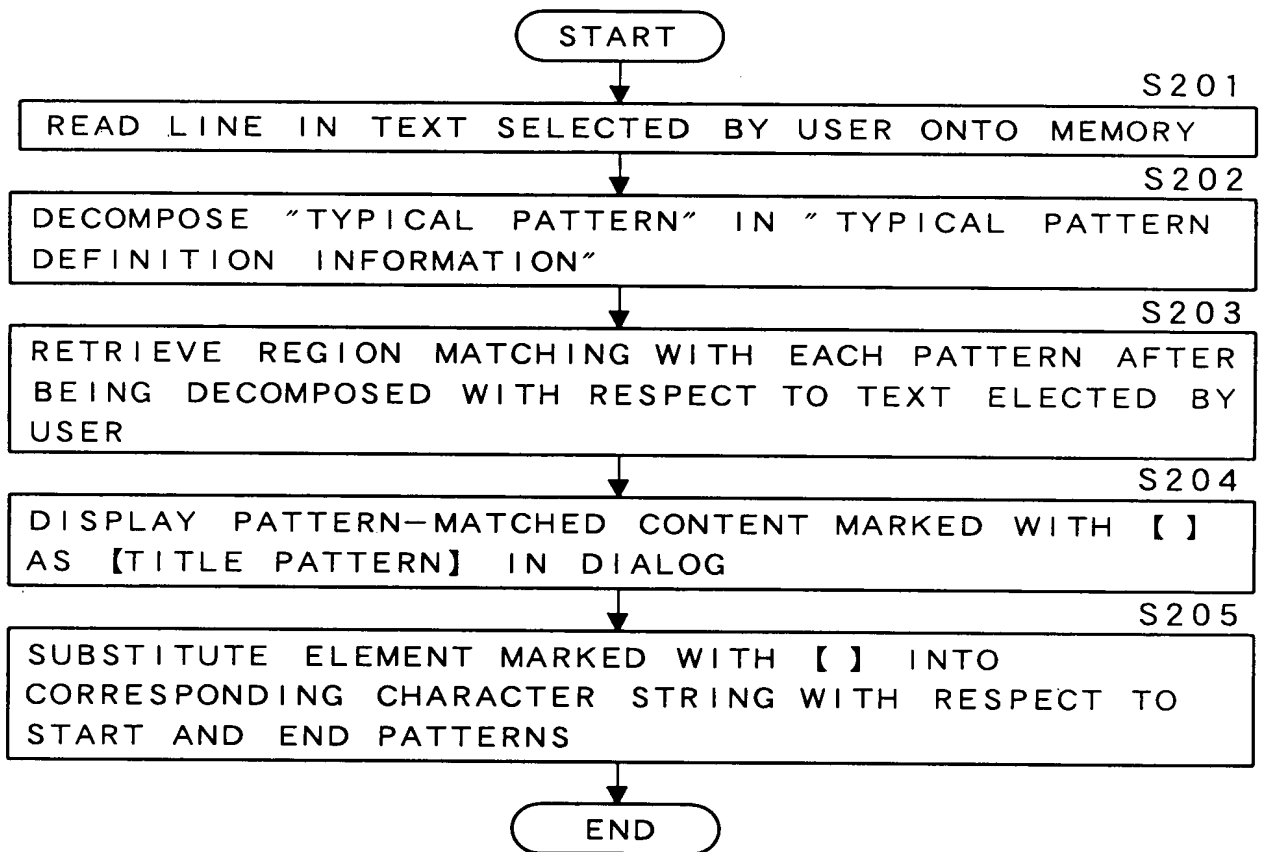
 S3b { [[TITLE PATTERN1]]
 PATTERN SPECIFYING MODE: START/END
 START PATTERN = REGULAR EXPRESSION: " <<LINE HEAD>>*
 [TITLE PATTERN1]* [DELIMITING PATTERN1]"
 END PATTERN= REGULAR EXPRESSION: " [DELIMITING PATTERN2]"

 S3b { [[TITLE PATTERN2]]
 PATTERN SPECIFYING MODE: START/END
 START PATTERN = REGULAR EXPRESSION: " <<LINE HEAD>>"
 END PATTERN= REGULAR EXPRESSION: " [DELIMITING PATTERN3]"
 SEQUENTIALITY: SPECIFIED

 S3b { [[TITLE PATTERN3]]
 PATTERN SPECIFYING MODE: START/END
 START PATTERN = REGULAR EXPRESSION: " <<LINE HEAD>>"
 END PATTERN= REGULAR EXPRESSION: " [DELIMITING PATTERN4]"
 SEQUENTIALITY: SPECIFIED
 (INTERMEDIATE INFORMATION SEGMENTS OMITTED)

 S3b { [[TITLE PATTERN5]]
 PATTERN SPECIFYING MODE: START/END
 START PATTERN = REGULAR EXPRESSION: " <<LINE HEAD>>"
 END PATTERN= REGULAR EXPRESSION: " <<LINE END>>"
 SEQUENTIALITY: SPECIFIED

Fig. 27



Fi. 28

Fig. 28




Fig. 29

```
[NAME OF COMPANY]
PATTERN SPECIFYING MODE: START/END
START PATTERN=REGULAR EXPRESSION: "<<LINE HEAD>>*(FUJITSU)*[:]*"
END PATTERN=REGULAR EXPRESSION: "<<LINE END>>"
```

Fig. 30

comment.txt FixEasy

FILE(F) EDIT(E) VIEW(V) HELP(H)



?

ROOT DOCUMENT :
ELEMENT NAME
COMMENT OF SAMPLE

DESIGN SPECIFICATIONS

NAME OF COMPANY: FUJITSU LTD.
EXPLANATION: COMPANY OF MANUFACTURING COMPUTER
HARDWARE, SOFTWARE AND SEMICONDUCTOR,
HEAD OFFICE LOCATED AT MARUNOUCHI
CENTER BUILDING,
COMPANY NUMBER 765, CLASS P COPYRIGHT COOPERATIVE
FILE NAME (IN JAPANESE), FILE SIZE
KOKYAKU-MASTER (CUSTOMER MASTER) 200

TREE STRUCTURE OF DOCUMENT

DESIGN SPECIFICATIONS
NAME OF COMPANY

SELECT PATTERN
OF COMMENT

TITLE: NNNNNNNNNN

TITLE: NNNNNNNNNN
: NNNNNNNNNN

TITLE1: NNNN TITLE2: NNNN

NNNN: NNNN: NNNN

TITLE1: TITLE2: TITLE3
NNNN: NNNNN: NNNNN

NNNN: NNNN: NNNN
NNN: NNN: NNN: NNN

TITLE1: TITLE2: TITLE3
NNNN: NNNN: NNNN
TITLE4: TITLE5: TITLE6: TITLE7
NNNN: NNNN: NNNN: NNNN

READY

NUM

Fig. 31

FILE (F) EDIT (E) VIEW (V) HELP (H)

?

ROOT DOCUMENT

ELEMENT NAME : DESIGN SPECIFICATIONS

COMMENT OF SAMPLE

NAME OF COMPANY: FUJITSU LTD.

EXPLANATION: COMPANY OF MANUFACTURING COMPUTER
HARDWARE, SOFTWARE AND SEMICONDUCTOR,
HEAD OFFICE LOCATED AT MARUNOUCHI
CENTER BUILDING,

COMPANY NUMBER : 765, CLASS : P COPYRIGHT: COOPERATIVE

FILE NAME (IN JAPANESE) , FILE SIZE
KOKYAKU-MASTER (CUSTOMER MASTER) 200

SELECT PATTERN
OF COMMENT

TITLE : NNNNNNNNN

TITLE : NNNNNNNNN
: NNNNNNNNN

TITLE1: NNNN TITLE2: NNNN

NNNN : NNNN : NNNN

TITLE1 : TITLE2 : TITLE3
NNNN : NNNN : NNNN

NAME OF COMPANY

COMPANY INFORMATION

COMPANY NUMBER

CLASS

COPYRIGHT

702

READY

NAME OF THIS ELEMENT AS GROUP

FILE ATTRIBUTE

TITLE CHARACTER STRING :

1) FILE NAME

2) NAME IN JAPANESE

3) FILE SIZE

4)

5)

DELIMITER CHARACTER STRING :

(

>

704

DATA REPETITION SPECIFIED

WHOLE REPETITION SPECIFIED

OK

CANCEL

707

Fig. 32

comment.txt FixEasy

FILE (F) EDIT (E) VIEW (V) HELP (H)

ROOT DOCUMENT :

DESIGN SPECIFICATIONS

ELEMENT NAME

COMMENT OF SAMPLE

NAME OF COMPANY: FUJITSU LTD.

EXPLANATION: COMPANY OF MANUFACTURING COMPUTER
HARDWARE, SOFTWARE AND SEMICONDUCTOR,
HEAD OFFICE LOCATED AT MARUNOUCHI
CENTER BUILDING,

COMPANY NUMBER : 765, CLASS: P COPYRIGHT: COOPERATIVE

FILE NAME (IN JAPANESE), FILE SIZE
KOKYAKU-MASTER (CUSTOMER MASTER) 200

TREE STRUCTURE OF DOCUMENT

DESIGN SPECIFICATIONS

NAME OF COMPANY

COMPANY INFORMATION

COMPANY NUMBER

CLASS

COPYRIGHT

FILE ATTRIBUTE

FILE NAME

NAME IN JAPANESE

FILE SIZE

SELECT PATTERN
OF COMMENT

TITLE : NNNNNNNNN

TITLE: NNNNNNNNN
: NNNNNNNNN

TITLE1: NNNN TITLE2: NNNN

NNNN: NNNN: NNNN

TITLE1: TITLE2: TITLE3
NNNN: NNNN: NNNN: NNNN

NNNN: NNNN: NNNN

NNN: NNN: NNN: NNN

TITLE1: TITLE2: TITLE3
NNNN: NNNN: NNNN
TITLE4: TITLE5: TITLE6: TITLE7
NNNN: NNNN: NNNN: NNNN

READY

NUM

Fig. 33

```
<REPORT>
<HEADER>
<TITLE>BUSINESS NEGOTIATION REPORT</TITLE>
<DATE>1997.02. 17</DATE>
<IN-CHARGE>YASUYUKI FUJIKAWA</IN-CHARGE>
<CUSTOMER>YAMADA SHOKEN</CUSTOMER>
</HEADER>
<CONTENTS>
There is an offer to use following SDAS tools.
  •AA/BRMODELLER
  •YPS
</CONTENTS>
<CONTENTS>
Demonstration is scheduled to be conducted by
explanatory staff of our company at customer's
place in next week. Simultaneously Q & A card
(sent to development company) of customers are
to be replied.
</CONTENTS>
</REPORT>
```


Fig. 34

